

III. REMARKS

Claims 17, 18, 20-27, 29, and 30 are pending in this application. Claims 1-16 have been cancelled previously; and claims 17 and 25 have been amended and claims 19 and 28 have been cancelled herein. Applicant does not concede in this application that any of the aforementioned claims are not patentable over the art cited by the Examiner, as the present claim amendments and cancellations are only for facilitating expeditious prosecution of the allowable subject matter noted by the Examiner. Applicant respectfully reserves the right to pursue these and other claims in one or more continuations and/or divisional patent applications. Reconsideration in view of the following remarks is respectfully requested.

A. Subject Matter Deemed Allowable

In the Office Action, claims 9-16 are deemed allowable; and claims 2-8, 18-24, and 26-30 are objected to as being dependent upon a rejected base claim, but are indicated to contain subject matter that would be allowable if rewritten in independent form. At the outset, Applicant appreciates these indications of allowable subject matter.

B. Prior Claim Cancellations

With regard to claims 1-16, Applicant notes for purposes of clarity that these claims were previously canceled in the Supplementary Amendment of 30 August 2007, and are currently pending in a continuation application, serial number 11/847,391. Accordingly, Applicant has addressed only the rejections and objections relative to claims 17-30 in this response, and will pursue those relative to the subject matter recited in claims 1-16 in the continuation application.

C. Rejections under 35 U.S.C. § 102(b)

In the Office Action, claims 1, 17, and 25 are rejected under 35 U.S.C. § 102(b) as being anticipated by S. Grivet-Talocia, *Adaptive Transient Solution of Nonuniform Multiconductor*

Transmission Lines Using Wavelets, 48 IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, 1563-1573 (October 2000).

With respect to claim 1, this claim has been canceled, as discussed above.

With respect to claim 17, Applicant has herein amended this claim to recite the additional limitation, “wherein the error criteria is based on an approximate relative timing error,” - previously recited at claim 19. As noted above, Applicant appreciates the indication that this subject matter is allowable, and respectfully submits that it has been rewritten herein in independent format as requested by the Examiner. Applicant further notes that claim 17 has been additionally amended herein to recite “transient conditions” instead of “transients conditions” at lines 2-3 for purposes of improved clarity only.

With respect to claim 25, Applicant has also herein amended this claim to recite the limitation, “means for rejecting the adaptive step in the case that a derivative voltage across a circuit element of interest reverses,” previously recited at claim 28. Applicant respectfully submits that this limitation has been rewritten herein in independent format as requested by the Examiner.

In accordance with the above amendments, Applicant respectfully requests that the rejections to claims 17 and 25 be withdrawn. In view of these amendments, Applicant additionally requests that the objections to claims 18, 20-24, 26, 27, 29, and 30 be withdrawn.

IV. CONCLUSION

Applicant respectfully submits that the Application as presented is in condition for allowance. Should the Examiner believe that anything further is necessary in order to place the application in better condition for allowance, the Examiner is requested to contact Applicant's undersigned attorney at the telephone number listed below.

Respectfully submitted,
/Spencer K. Warnick/

Spencer K. Warnick
Reg. No.: 40,398

Date: September 7, 2007 (JMT)

Hoffman, Warnick and D'Alessandro, LLC
75 State Street, 14th Floor
Albany, New York 12207
Phone: (518) 449-0044
Fax: (518) 449-0047